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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/128,718
	Filing Date	August 4, 1998
	First Named Inventor	Michael J. Heller et al.
	Art Unit	1631
	Examiner Name	Marjorie Moran
Total Number of Pages in This Submission	Attorney Docket Number	612,404-244

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration <input type="checkbox"/> Assignment & PTO 1595 <input type="checkbox"/> Sequence Listing - Paper Copy <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Response to Notice of Non-Compliant Amendment 2) Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	O'Melveny & Myers LLP		
Signature			
Printed name	David B. Murphy		
Date	5-3-06	Reg. No.	31,125

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Typed or printed name	Denise N. Doss	Date	5-3-06

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Patent  
Attorney Docket: 612,404-244

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**Michael J. Heller et al.**

Serial No.: 09/128,718

Filed: August 4, 1998

For: METHODS AND APPARATUS FOR  
ELECTRONIC SYNTHESIS OF MOLECULAR  
STRUCTURES

Group Art Unit: 1631

Examiner: Marjorie Moran

**RESPONSE TO NOTICE OF NON-COMPLAINT AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Non-Complaint Amendment dated April 12, 2006, enclosed please find a revised Amendment and Response which sets forth a complete listing of all of the claims. If minor matters remain, the undersigned requests that he be contacted by telephone at (949) 823-6960.

Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: 5/3/06

By: David B. Murphy  
David B. Murphy  
Reg. No. 31,125

DBM/dnd

**34263**

PATENT TRADEMARK OFFICE

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Denise N. Doss  
Denise N. Doss



Patent  
Attorney Docket: 612,404-244

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Group Art Unit: 1631

Examiner: Marjorie Moran

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on December 2, 2005, please enter the following amendments.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper.

**CERTIFICATE OF MAILING**

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Denise N. Doss